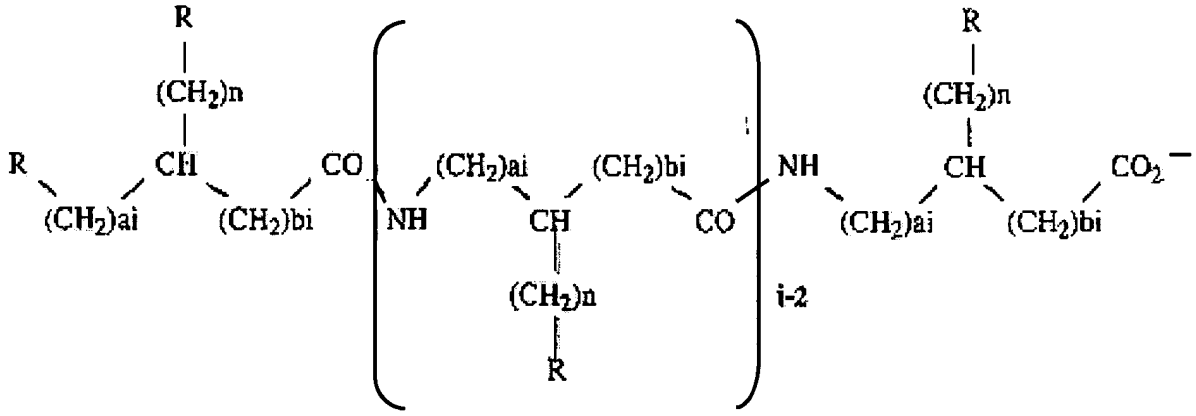
AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-24. (canceled)

25. (currently amended) An oligomeric conjugate having the following formula:



wherein[[:]]

ai = an integer varying from 0 to 10,

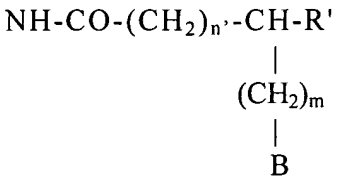
bi = an integer varying from 0 to 10,

i = degree of polymerization from 5 to 36,

n = an integer varying from 1 to 6,

wherein the total number of R groups = u+f and

wherein u is the number of R groups selected from the group consisting of



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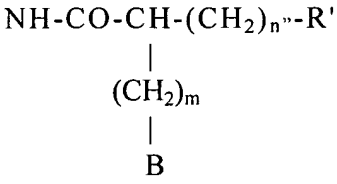
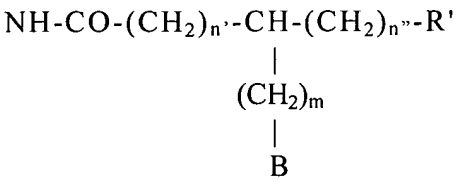


, and



wherein

m= an integer varying from 1 to 6,

n' = an integer varying from 0 to 6,

n" = an integer varying from 0 to 6,

B = a weak base,

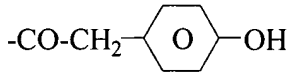
R' represents NH_3^+ or NH;

wherein NH is substituted by a structure selected from the group consisting of

$-CO-CH_3$,

$-CO-(CHOH)_rH$ r being an integer from 1 to 15,

$-CO-(CH_2)_s-(CHOH)_rH$ r being an integer from 1 to 15, and s being an integer from 1 to 6,



$-SO_2$-Flu,

-CO-Flu, and

-CS-NH-Flu

wherein Flu is a fluorescent molecule; and

wherein p is the number of R′ groups that are NH_3^+ groups, and q is the number of R′ groups that are substituted NH groups, wherein the total number of R′ groups is equal to ~~p=q~~ p+q

wherein f is the number of ~~groups R~~ R groups that are ~~that is~~ selected from the group consisting of

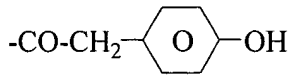
• NH_3+, ~~and~~ wherein "j" is the number of NH_3^+ groups,

• NH, ~~and~~ wherein "k" is the number of substituted NH groups that are substituted by a structure selected from the group consisting of

$-CO-CH_3$,

$-CO-(CHOH)_rH$ r being an integer from 1 to 15,

$-CO-(CH_2)_s-(CHOH)_rH$ r being an integer from 1 to 15, and s being an integer from 1 to 6,

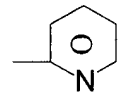


$-SO_2$-Flu,

-CO-Flu,

-CS-NH-Flu,

wherein Flu is a fluorescent molecule,

- [[-]]H,
- $-(CH_2)_nH$ n being an integer from 1 to 6,
- $-(CH_2)_n$-OH n being an integer from 1 to 6, and
- $-CH_2)_n$-SA' A' = H, CH_3 or  n being integer from 1 to 6, and

~~wherein flu is a fluorescent molecule; and~~

wherein h is the number of structures selected from the group consisting of H; $(CH_2)_nH$; (CH_2)-OH; and $(CH_2)_n$-SA'

[[with]]wherein ·f = j + k + h

·i = u + j + k + h

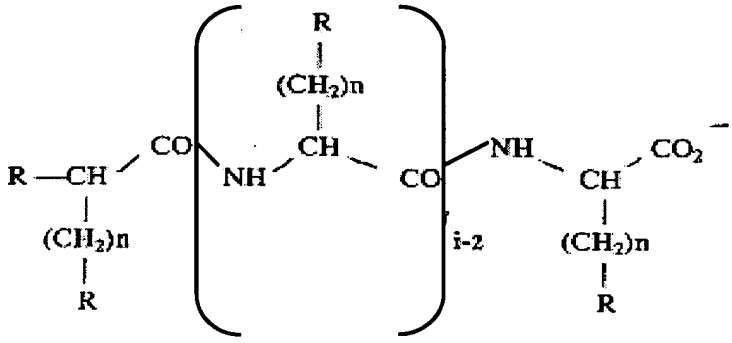
·total number of α NH_3^+ = p = u-q

·total number of ω NH_3^+ = j = f-(k + h)

·total number of NH_3^+ = m = p + j

wherein u equals 50% to 100% of the total number of R groups and ~~wherein~~ f represents the remaining portion of R groups, and wherein said conjugate allows for transfer of oligonucleotides into a cell.

26. (currently amended) The oligomeric conjugate according to claim 25, wherein the oligomeric conjugate contains an oligomer of the following formula:



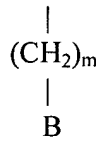
wherein

i = degree of polymerization from 5 to 36,

n = is an integer varying from 1 to 6,

wherein 50% to 100% of all R groups are u and are selected from the group consisting of

$NH\text{-}CO\text{-}(CH_2)_{n'}\text{-}CH\text{-}R'$



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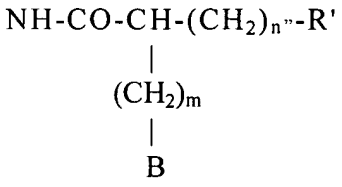
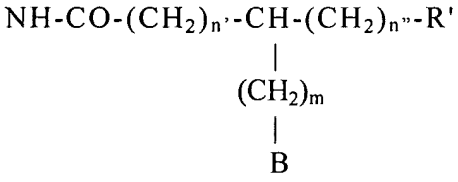


, and



wherein

m = an integer varying from 1 to 6,

n' = an integer varying from 0 to 6,

n" = an integer varying from 0 to 6,

B = a weak base,

R' represents NH_3^+ or NH,[[wherein]];

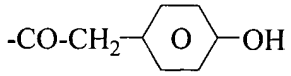
wherein NH is substituted by a structure selected from the group consisting of

$-CO-CH_3$,

$-CO-(CHOH)_rH$ r being an integer from 1 to 15,

$-CO-(CH_2)_s-(CHOH)_rH$ r being an integer from 1 to 15, and s being

an integer from 1 to 6,



$-SO_2$-Flu,

-CO-Flu, and

-CS-NH-Flu ~~wherein~~

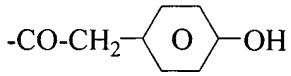
wherein Flu is a fluorescent molecule; and

wherein p is the number of R′ groups that are NH_3^+ groups, and q is the number of R′ groups that are substituted NH groups, wherein the total number of R′ groups is equal to ~~p=q~~ p+q,

wherein f is the number of remaining R groups that are selected from the group consisting ~~are~~ of

- NH_3+, ~~and~~ wherein "j" is the number of NH_3^+ groups,
- NH, ~~and~~ wherein "k" is the number of substituted NH groups that are substituted by a structure selected from the group consisting of

$-CO-CH_3$,	
$-CO-(CHOH)_rH$	r being an integer from 1 to 15,
$-CO-(CH_2)_s-(CHOH)_rH$	r being an integer from 1 to 15, and s being an integer from 1 to 6,



$-SO_2$-Flu,

-CO-Flu,

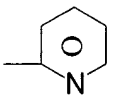
-CS-NH-Flu,

wherein Flu is a fluorescent molecule,

- [[-]]H,

- $-(CH_2)_nH$ n being an integer from 1 to 6,

- $-(CH_2)_n$-OH n being an integer from 1 to 6, and

- $-CH_2)_n$-SA' A' = H, CH_3 or 

n being integer from 1 to 6, and

~~wherein flu is a fluorescent molecule; and~~

wherein h is the number of structures selected from the group consisting of H; $(CH_2)_nH$; (CH_2)-OH; and $(CH_2)_n$-SA'.

27. (canceled)

28. (previously presented) A composition comprising at least one of the oligomeric conjugates according to claim 25, in association with an oligonucleotide.

29. (previously presented) A combined preparation, in the form of a kit-of-parts, comprising:

a) the oligomeric conjugate according to claim 25, and

b) an oligonucleotide for the simultaneous, separate or sequential use, for the *in vitro*, *in vivo*, or *ex vivo* transfer of a biological molecule into a cytosol and/or cell nucleus.

30. (currently amended) A method for the *in vitro*, *ex vivo*, or *in vivo* intracellular transfer of oligonucleotides into a cytosol and/or into a cell nucleus of a cell, comprising:

contacting said cell with at least one ~~of the~~ oligomeric conjugate according to claim 25 in association with an ~~oligonucelotide~~ oligonucleotide so that said oligonucleotide is transferred into the cytosol of said cell.

31. (currently amended) A method for the *in vitro*, *ex vivo*, or *in vivo* transfer of an oligonucleotide, into a cytosol and/or into a cell nucleus of a cell, comprising:

contacting said cell with at least one ~~of the~~ oligomeric conjugate according to claim 25 in association with said oligonucleotide so that said oligonucleotide is transferred into the cytosol of said cell.

32. (currently amended) The method according to claim 30, wherein the cells are selected from the group consisting of muscular cells, epithelial cells, endothelial, fibroblasts, leukocytes, granulocytes, ~~osteoblats~~ osteoblasts, dendritic

cells, stem cells, neuronal cells, or dermal cells, ~~cancel~~ cancer cells and myeloid cells.

33. (previously presented) A composition, comprising as an active substance, the oligomeric conjugate according to claim 25, in association with an acceptable vehicle.

34. (previously presented) A kit or case comprising:

a) the oligomeric conjugate according to claim 25,

b) at least one biological molecule to transfer, and

c) reagents enabling transfer of at least one biological molecule into a cell.

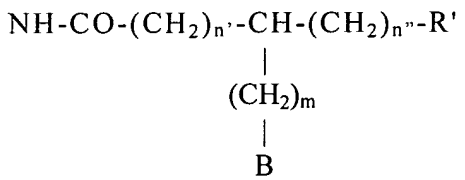
35. (canceled)

36. (currently amended) The oligomeric conjugate according to claim 25, wherein the oligomeric conjugated contains an oligomer, wherein

i = 19

n = 4

wherein the R group that ~~are~~ is identified as [U] u is



wherein

$n' = n'' = 0$

$R' = NH_3^+$

$m = 1$

B = imidazole

~~(j) R = NH^+_3~~ wherein the R group that is identified as j is NH^+_3

$u = 12$

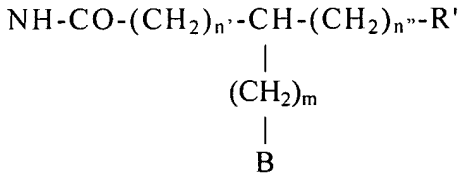
$j = 7$.

37. (currently amended) The oligomeric conjugated according to claim 25, wherein the oligomeric conjugated contains an oligomer, wherein:

$i = 19$

$n = 4$

wherein the R group identified as u is



wherein

$n' = n'' = 0$

R′ = NH_3^+

m = 1

B = imidazole

wherein the R group that is identified as j is NH^+_3

u = 16

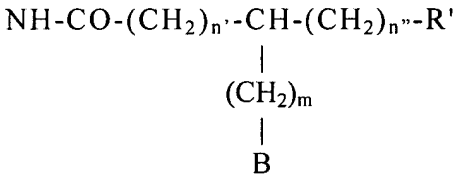
j = 3.

38. (currently amended) The oligomeric conjugated according to claim 25, wherein the oligomeric conjugate contains an oligomer, wherein:

i = 19

n = 4

wherein the R group [[is]] identified as u is



wherein

n′ = n″ = 0

R′ = NH_3^+

m = 1

B = imidazole

~~j) R = NH^+_3~~ wherein the R group that is identified as j is NH^+_3

u = 19

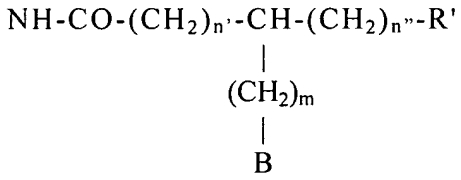
j = 0.

39. (currently amended) The oligomeric conjugate according to claim 25, wherein the oligomeric conjugate contains an oligomer, wherein:

i = 19

n = 4

wherein the R group ~~identified as R~~ is



wherein

n′ = n″ = 0

R′ = NH_3^+

m = 1

B = imidazole

~~j) R = NH^+_3~~ wherein the R group that is identified as k is $NH\text{-}CO\text{-}NH_3$

u = 11

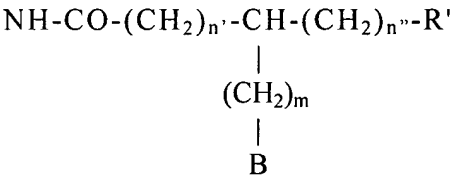
k = 8.

40. (currently amended) The oligomeric conjugate according to claim 25, wherein the oligomeric conjugate contains an ~~oligomre~~ oligomer, wherein

i = 19

n = 4

wherein the R group [[is]] identified as u is



wherein

n′ = n″ = 0

R′ = NH_3^+

m = 1

B = imidazole

~~[(k)]R = NH-CO-CH3~~ wherein the R group that is identified as k is NH-CO-NH_3

wherein u = 15

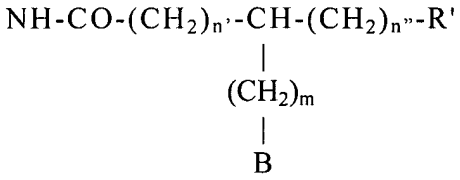
k = 4.

41. (currently amended) The oligomeric conjugate according to claim 25, wherein the oligomeric conjugate contains an oligomer, wherein

i = 19

n = 4

wherein the R group identified as u is



wherein

n′ = n″ = 0

R′ = NH_3^+

m = 1

B = imidazole

~~[(k)]R = NH-CO-CH$_3$~~ wherein the R group that is identified as k is NH-CO-$(CHOH)_r$H

wherein r=5

u = 12

k = 3

j = 4.